

## ABSTRACT:

The present invention relates to a light generating device comprising a slab light guide (1) having two substantially parallel sides (10, 11) and at least one edge (12), the edge (12) having a surface connecting the surfaces of said sides (10, 11). In order to provide a device that can be used in a wide range of applications and wherein the light guide (1) acts as a buffer of light, the light generating device according to the present invention further comprises:

- at least one light input unit (2) arranged on at least one side (10) of said light guide (1) comprising at least one light source (20) and a light incoupling means (21) for coupling light into said light guide (1), and
- at least one light output unit (3) arranged on at least one side (11) of said light guide (1) comprising a light outcoupling means for coupling light out of said light guide (1).

The present invention further relates to a display device comprising a light generating device according to the invention.

(Fig. 1)